

# TARGET 1C

Name \_\_\_\_\_ Date \_\_\_\_\_

Name the most specific subset of the real numbers to which each number belongs.

1.  $\frac{3}{4}$

2.  $-8$

3.  $2\pi$

4.  $45,368$

5.  $\sqrt{11}$

6.  $-\frac{2}{3}$

7.  $\frac{12}{18}$

8.  $-5$

9.  $\pi$

10.  $5564$

11.  $\sqrt{13}$

12.  $-\frac{4}{3}$

Simplify each expression.

13.  $\sqrt{144}$

14.  $\sqrt{25}$

15.  $\sqrt{169}$

16.  $\sqrt{49}$

17.  $\sqrt{0.01}$

18.  $\sqrt{0.49}$

Estimate the square root. Round to the nearest integer.

19.  $\sqrt{38}$

20.  $\sqrt{65}$

21.  $\sqrt{99}$

22.  $\sqrt{145.5}$

Compare the numbers in each exercise using an inequality symbol. ( $<$ ,  $>$ ,  $\leq$ ,  $\geq$ )

23.  $\sqrt{36}, \sqrt{49}$

24.  $\frac{1}{3}, \sqrt{1.25}$